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Management and training/teaching

An approach to intraoperative radiotherapy

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Introduction. A visual description of the intraoperative radiotherapy technique, from a professional point of view.

Discussion. When a patient is diagnosed with cancer, we proceed to the combination of three actions: tumor surgery, cancer treatment with chemotherapy and radiotherapy treatment for cancer. In a standard treatment, such as breast cancer, radiation treatment can take six to seven weeks. One advantage of the intraoperative radiation therapy is surgery is used to directly irradiate the tumor bed. Thus, in one day performing surgery the tumor and radiotherapy administered more effectively, preserving healthy surrounding structures with the same therapeutic control. For the success of intraoperative radiotherapy is very important a good team of surgeons, anesthesiologists, radiation oncologists, radiation physicists, nurses, operating room personnel and technical specialists in radiotherapy. Everyone in perfect coordination. Therefore it is very important to show this technique from a professional point of view, while understandable to the public.

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Informative guide for radiotherapy oncology patients

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Introduction. A simple explanation of radiation oncology treatments aimed at these patients and the general public.

Discussion. Every day is easier to access information in video format from the most common platforms, as youtube.com and vimeo.com. However, when you perform a search using the keyword “patient radiotherapy”, most of the videos found speak of recommendations for such patients, patients’ personal experiences and a brief description of the treatments. The novelty of this work is that audiovisual easily explains what the radiation oncology, such as treatments and recommendations to follow. So that any person, within minutes get information, clarifying their doubts and concerns discouraging. It is very important that schools increasingly bet this type of support for increased and improved communication and social outreach.

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